

Work Order ID 151818***151818***

Page 1

Friday, March 10, 2017 10:55:58 AM

Item ID: D412-742-011 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: URF 16-572 Stop ***NS2***
Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible
Start Date: 11/9/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/10/2016 Req'd Qty: 1.00 ***1*** Customer: CHELI02
Reference: RMA RA112329 **DISASSEMBLE**

Approvals: Process Plan: UMF Date: 17-3-10 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D412-742	E

100

0.00

100

QC

Quality Control

Memo

INSPECT RA112329
D412-742-011 X 1 B135716

CUSTOMER ORDERED WRONG PART

TRIBEAMS ARE NOW SCRAP DUE TO A REV CHANGE

DISSASSEMBLE AND RETURN PARTS AND HARDWARE TO STOCK
UNDER ORIGINAL BATCH NUMBER

SEE ATTACHED

DAS
27
9-89
MAR 24 2017

UMF 17-3-10

110

0.00

110

HandFinish

Hand Finishing

Memo

SCRAP TUBE AND WEARPLATES

DART		1270 ABERDEEN ST HAWKESBURY ON CANADA K6A 1K7 TEL: 1-613-632-5200 www.dartaerospace.com	
PATENT	US #735484 / CA #2222184 / EURO #0828655	CHG	CHG007
P/N	D412-742-011	STC	SR01583SE
DESC	Float Skidtube	STC	SH05-37
LOT	B135716	STC	
MODEL	Bel 205/210/212/412/AB412		
TC APPROVAL # 09-89		MADE IN CANADA	

12/10/17

Work Order ID 151818

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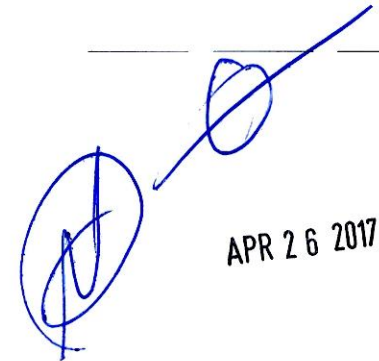
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Item ID: D412-742-011 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: URF 16-572 Stop ***NS2***
Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible
Start Date: 11/9/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/10/2016 Req'd Qty: 1.00 ***1*** Customer: CHELI02
Reference: RMA RA112329

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC21- Final Inspection - Work Order Release	0.00							
120									
QC	Memo	0.00							
Quality Control									



APR 26 2017

Picklist Print

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New IssueKJ/JLM
IPP Rev:B 06-06-08 As per DSI9336 JLM
IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC
IPP rev E 07.11.27 ecn 1072 EC verified by:DD
IPP Rev:F 08-09-08 ecn 08-510 DD verified by:EC
IPP Rev:G 09-01-23 as per DSI9441 DD verified by:EC IPP Rev:H
11.11.01 as per DSI9517 REV.B DD verified by:EC IPP rev:I 12.01.12
PER IIN REV.E DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN3C37A

Purchased

No

Each

253.0000

-3

AN3C37A

BOLT

Location

Loc Qty

Loc Code

OVER002

210

M132381

70

M135718

70

M136658

70

ST347

43

122204

3

124131

3

M125730

3

M131856

4

M132169

30

MF 17.3-10

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

AN3C40A Purchased No Each 24.0000 Start Qty: 1.00 Required Qty: 1.00
-2

AN3C40A

Bolt

Location	Loc Qty	Loc Code
FG	5	
11442	5	
OVER002	8	
m136602	8	
ST347	11	
122843	4	
<u>123930</u>	2	
m134627	5	

MF 17-3-10

AN3C41A

Purchased No

Each 276.0000 -3

AN3C41A

Bolt

Location	Loc Qty	Loc Code
FG	10	
122843	5	
124975	1	
m130081	4	
OVER002	225	
m132522	75	
m135718	75	
m136658	75	
ST347	41	
122843	3	
<u>123930</u>	3	
m132169	3	
m132381	32	

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Work Order ID: 151818

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Parent Item: D412-742-011

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Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

AN3C42A Purchased No Each 47.0000 Start Qty: 1.00 Required Qty: 1.00
AN3C42A **
Bolt

Location	Loc Qty	Loc Code
FG	5	
121103	5	
ST338a	3	
m130485	3	
ST346	9	
122241	3	
123930	3	
124884	3	MF 17-3-10.
ST347	30	
m133920	10	
m134131	10	
m134133	10	

AN3C43A Purchased No Each 52.0000
AN3C43A **
Bolt

Location	Loc Qty	Loc Code
FG	10	
120465	10	
OVER002	12	
m136866	12	
ST346	15	
122843	3	
123930	3	
126007	3	MF 17-3-10
m135603	6	
ST347	15	
m136295	15	

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

AN3C44A Purchased No Each 35.0000 Start Qty: 1.00 Required Qty: 1.00
-9

AN3C44A

Bolt

**

Location	Loc Qty	Loc Code
FG	8	
110848	8	
ST346	27	
122843	18	
124269	9	

JMF 17-3-10.

AN3C47A Purchased No Each 25.0000

AN3C47A

Bolt

**

Location	Loc Qty	Loc Code
FG	2	
116874	2	
ST346	23	
123116	20	
125389	3	

m127203 x 3
125389 x 7.

AN4C47A Purchased No Each 45.0000

AN4C47A

Bolt

**

Location	Loc Qty	Loc Code
FG	10	
122491	10	
ST341	35	
122843	4	
124131	4	
1126007	4	
m136269	7	
m136549	16	

JMF 17-3-10

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Parent Item: D412-742-011

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Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

AN4C52A

Purchased

No

Each

70.0000

Start Qty: 1.00

-4

Required Qty: 1.00

AN4C52A

**

Bolt

Location

Loc Qty

Loc Code

FG

5

122518

5

OVER002

43

m135723

43

ST340

22

120754

1

122843

4

123598

3

M126293

4

m135646

10

ME 17-3-10

AN4C53A

Purchased

No

Each

46.0000

**

-4

AN4C53A

BOLT

Location

Loc Qty

Loc Code

ST340

46

122193

4

124132

4

M125730

4

m136215

34

ME 17-3-10

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

AN4C6A

Purchased

No

Each

473.0000

Start Qty: 1.00

-16

Required Qty: 1.00

AN4C6A

**

Bolt

Location

Loc Qty

Loc Code

FG

14

103344

4

121657

10

OVER002

228

m136318

128

m137026

100

ST345

231

122800

16

m125709

16

m136047

199

UMF 17-3-10

AN4C7A

Purchased

No

Each

86.0000

-4

AN4C7A

**

BOLT

Location

Loc Qty

Loc Code

OVER002

54

m136295

54

ST345

32

109147

4

m23900

8

m135864

20

UMF 17-3-10

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Parent Item: D412-742-011

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Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

AN6C12A

Purchased

No

Each

Start Qty: 1.00
104.0000

-8

Required Qty: 1.00

AN6C12A

**

Bolt

Location

Loc Qty

Loc Code

over005

50

M136263

25

M136838

25

ST335

54

122808

8

24561

16

M135671

30

MF 17-3-10

D2571

Manufactured

No

Each

15.0000

-1

D2571

**

Saddle, Fwd, Out

Location

Loc Qty

Loc Code

ST397

15

130850

1

153726

4

155486

8

89090

1

99202

1

MF 17-3-10

D2572

Manufactured

No

Each

13.0000

-1

D2572

**

Saddle, Fwd, In

Location

Loc Qty

Loc Code

ST397

13

31069

1

153799

2

155591

8

91372

1

98622

1

MF 17-3-10

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

D2573 Manufactured No Each 14.0000 Start Qty: 1.00 Required Qty: 1.00
-1

D2573

Saddle, Aft, Out

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST398	10	
155638	8	
90213	1	
99396	1	
ST498	4	
105413	1	
153833	3	

CMF 17-3-10

D2574 Manufactured No Each 9.0000 -1

D2574

Saddle, Aft, In

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST498	9	
106297	1	
156032	6	
89900	1	
98612	1	

CMF 17-3-10

D2747 Manufactured No Each 180.0000 -4

D2747

Set Screw

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST010	180	
152598	18	
154433	50	
157262	100	
86827	4	
97968	4	
99355	4	

CMF 17-3-10

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

D2876

Manufactured No

Each

55.0000

Start Qty: 1.00

-2

Required Qty: 1.00

D2876

Saddle Spacer

**

Location

Loc Qty

Loc Code

ST013

33

102422

2

153988

11

154778

16

88282

2

92502

2

ST025A

22

156220

22

MF 17-3-10

D2877

Manufactured No

Each

52.0000

-2

D2877

Saddle Spacer

**

Location

Loc Qty

Loc Code

ST013

32

103013

2

145949

2

154007

8

154785

16

86890

2

92548

2

ST025A

20

156280

20

MF 17-3-10

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

D3403-1

Manufactured No

Each

Start Qty: 1.00
118.0000 -8

Required Qty: 1.00

D3403-1

**

Bushing

Location

Loc Qty

Loc Code

ST033

118

149200

11

153760

36

156213

47

86717

8

88782

16

MF 17-3-10.

D3403-3

Manufactured No

Each

82.0000

-8

D3403-3

**

Bushing

Location

Loc Qty

Loc Code

ST033

82

149274

18

154827

40

86943

8

88783

16

MF 17-3-10.

D3403-5

Manufactured No

Each

46.0000

-8

D3403-5

**

Bushing

Location

Loc Qty

Loc Code

ST034

46

149249

22

86832

8

88784

16

MF 17-3-10

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

D3405-041 Manufactured No Each 17.0000 Start Qty: 1.00 Required Qty: 1.00
-1

D3405-041

**

Ground Handling Lug

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st529	17	
100886	1	
151325	6	
155541	8	
89218	1	
98372	1	

mf 17-3-10.

D3405-043 Manufactured No Each 20.0000

-1

D3405-043

**

Ground Handling Lug

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st529	20	
100877	1	
150832	7	
151326	10	
90052	1	
94611	1	

mf 17-3-10.

D3407-041 Manufactured No Each 23.0000

-1

D3407-041

**

Tow Ring

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st530	23	
106005	1	
153698	5	
155492	15	
78878	1	
88212	1	

mf 17-3-10

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

D3417-3

Manufactured No

Each

28.0000

Start Qty: 1.00

-2

Required Qty: 1.00

D3417-3

**

Washer

Location

Loc Qty

Loc Code

FG

7

33519

7

ST034

21

149290

15

86735

3

93758

3

MF 17-3-10

D3456-1

Manufactured No

Each

127.0000

-1

D3456-1

**

Washer

Location

Loc Qty

Loc Code

FG

7

25701

7

ST037

45

106784

1

152842

18

154870

25

97542

1

ST038A

75

156723

25

157166

50

MF 17-3-10

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

D3533-1

Manufactured No

Each

83.0000

Start Qty: 1.00

Required Qty: 1.00

-2

D3533-1

**

Set Screw

Location

Loc Qty

Loc Code

ST040

52

102438

2

156724

50

ST041

31

152597

27

87348

2

88328

2

MF 17-3-10

D3591-1

Manufactured No

Each

49.0000

-2

D3591-1

**

Bushing

Location

Loc Qty

Loc Code

FG

10

115645

4

92873

6

FP001

39

100699

2

134643

9

141636

6

149167

3

153743

7

157205

4

157646

8

MF 17-3-10

D412-742-011

Manufactured No

Each

0.0000

1

D412-742-011

**

Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

1 x 135716 - MF 17-3-10

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Work Order ID: 151818

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float
Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

D412-742-015

Manufactured No

Each

3.0000

Start Qty: 1.00

Required Qty: 1.00

-1

D412-742-015

Electric Step

Location

Loc Qty

Loc Code

FG121

3

87638

2

95162

1

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Item ID: D412-742-011 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: URF 16-572 Stop ***NS2***
Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible
Start Date: 11/9/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/10/2016 Req'd Qty: 1.00 ***1*** Customer: CHEL102
Reference: RMA RA112329

Approvals: Process Plan: ME Date: 17-01-09 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D412-742	E								
100		0.00							
100									
QC	Memo	0.00							
Quality Control	INSPECT RA112329 D412-742-011 X 1 B135716								
	CUSTOMER ORDERED WRONG PART								
	D412-742-011 IS U/R STOCK IN QUARANTINE @ CHG 007 UNTIL DRAWINGS ARE RELEASED								
	REMOVE AN3C47A AND RETURN TO STOCK FOR SHIPPING PURPOSES X 10 B <u>127203 X 3</u> <u>125389 X 7</u>								
110	Identify as per dwg & Stock Location: _____	0.00							
110									
Packaging	Memo	0.00							
Packaging	ID AND STOCK UNDER NEW BATCH NUMBER @ CHG 007								
	IN QUARANTINE AREA								

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

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Item ID: D412-742-011

Accept

N900040100

Setup Start *NS1*

Revision ID: URF 16-572

Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Stop *NS2*

Start Date: 11/9/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 11/10/2016 **Req'd Qty:** 1.00 *** 1 ***

Customer: CHELI02

Reference: RMA RA112329

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID**Tool #**

**Accept
Qty**

Reject
QtyReject
Number

**Insp.
Stamp**

120

QC21- Final Inspection - Work Order Release

0.00

120

QC

Memo

0.00

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Monday, January 09, 2017 9:58:40 AM

Work Order ID: 151818

151818

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 11/9/2016

Required Date: 11/10/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New IssueKJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM
 IPP Rev:C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC
 IPP rev E 07.11.27 ecn 1072 EC verified by:DD
 IPP Rev:F 08-09-08 ecn 08-510 DD verified by:EC
 IPP Rev:G 09-01-23 as per DSI9441 DD verified by:EC IPP Rev:H
 11.11.01 as per DSI9517 REV.B DD verified by:EC IPP rev:I 12.01.12
 PER IIN REV.E DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C47A		Purchased		No			Each	2.0000		-10			
AN3C47A									**				
Bolt													
				<u>Location</u>				<u>Loc Qty</u>					
				FG				2					
					116874			2					
D412-742-011		Manufactured		No			Each	0.0000		1			
D412-742-011									**				
Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible													

125389 x 7. MF 11-1-09
 m127203 x 3

1 x 135716 MF 11-1-09

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

LOT TRACKING !!

Reason	Parent Item ID	Lot Qty	Lot Nbr	Lot Trans Date	Avg Cost Amt	Last Cost Amt
107782	AN3C37A	-3	M125730	10/2/2013 11:36:46 AM	\$5.90	\$6.00
107782	AN3C40A	-2	123930	10/2/2013 11:36:46 AM	\$11.42	\$9.98
107782	AN3C41A	-3	123930	10/2/2013 11:36:46 AM	\$14.79	\$14.50
107782	AN3C42A	-3	124884	10/2/2013 11:35:51 AM	\$9.52	\$9.50
107782	AN3C43A	-3	M126007	10/2/2013 11:35:51 AM	\$4.00	\$3.83
107782	AN3C44A	-9	124263	10/2/2013 11:35:51 AM	\$3.65	\$2.85
107782	AN3C47A	-3	m127203	11/21/2013 10:52:27 AM	\$42.33	\$45.00
107782	AN3C47A	-7	125389	10/18/2013 12:42:08 PM	\$42.33	\$45.00
107782	AN4C47A	-4	M126007	10/2/2013 11:37:59 AM	\$16.50	\$16.50
107782	AN4C52A	-4	M126293	10/2/2013 11:51:08 AM	\$15.17	\$14.95
107782	AN4C53A	-4	M125730	10/2/2013 11:51:08 AM	\$16.75	\$16.75
107782	AN4C6A	-16	m125709	10/2/2013 11:51:08 AM	\$5.50	\$5.50
107782	AN4C7A	-4	123900	10/2/2013 11:41:15 AM	\$3.38	\$3.37
107782	AN6C12A	-8	124561	10/2/2013 11:11:13 AM	\$1.89	\$1.88
107782	D2571	-1	104701	10/2/2013 12:54:37 PM	\$231.03	\$194.63
107782	D2572	-1	105572	10/2/2013 12:54:37 PM	\$187.17	\$122.63
107782	D2573	-1	105413	10/2/2013 12:54:37 PM	\$199.05	\$166.91
107782	D2574	-1	106297	10/2/2013 12:50:28 PM	\$165.61	\$214.17
107782	D2747	-4	99355	10/2/2013 12:01:09 PM	\$6.65	\$6.66
107782	D2876	-2	102422	10/2/2013 12:50:28 PM	\$2.79	\$7.58
107782	D2877	-2	103013	10/2/2013 12:50:29 PM	\$6.80	\$7.96
107782	D3403-1	-8	88782	10/2/2013 12:50:29 PM	\$12.16	\$15.15
107782	D3403-3	-8	88783	10/2/2013 11:41:15 AM	\$9.18	\$11.16
107782	D3403-5	-8	88784	10/2/2013 12:01:09 PM	\$8.74	\$9.33
107782	D3405-041	-1	100886	10/2/2013 11:41:16 AM	\$108.73	\$111.96
107782	D3405-043	-1	100877	10/2/2013 11:37:59 AM	\$89.55	\$85.15
107782	D3407-041	-1	106005	10/2/2013 1:01:51 PM	\$82.82	\$89.74
107782	D3417-3	-2	93758	10/2/2013 1:01:52 PM	\$5.73	\$7.58
107782	D3456-1	-1	106784	10/2/2013 11:38:00 AM	\$2.25	\$2.25
107782	D3533-1	-2	102438	10/2/2013 12:01:09 PM	\$2.23	\$2.23
107782	D3591-1	-2	100699	10/2/2013 11:41:15 AM	\$7.48	\$10.77
107782	D3672-11	-8	91746	10/2/2013 11:42:18 AM	\$2.28	\$2.28
107782	D3672-3	-32	102961	10/2/2013 11:43:52 AM	\$2.26	\$2.25
107782	D3672-9	-8	94989	10/2/2013 11:43:51 AM	\$3.30	\$3.32
107782	D412-742-015	-1	95162	11/21/2013 10:52:27 AM	\$12.01	\$14.33
107782	D412-742-041	-1	106092	11/21/2013 10:47:34 AM	\$4,250.97	\$4,250.13
107782	MS21043-3	-33	m126741	10/2/2013 11:34:49 AM	\$3.30	\$3.30
107782	MS21043-4	-29	m125807	10/2/2013 11:42:18 AM	\$4.42	\$4.42
107782	NAS1149C0332R	-66	125654	10/2/2013 11:34:49 AM	\$0.02	\$0.02
107782	NAS1149C0432R	-32	m126221	10/2/2013 11:43:52 AM	\$0.02	\$0.02

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

LOT TRACKING !!

Reason	Parent Item ID	Lot Qty	Lot Nbr	Lot Trans Date	Avg Cost Amt	Last Cost Amt
135716	D2571	-1	130850	8/18/2015 11:07:33 AM	\$231.03	\$194.63
135716	D2572	-1	131069	8/18/2015 11:07:33 AM	\$187.17	\$122.63
135716	D412-742-011	-1	107782	8/18/2015 8:08:08 AM	\$6,484.60	\$6,460.37

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Misabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	☐ OTHER : _____					
Misidentified ☐	☐ Past Due						